

5

a cover having a second socket in one end thereof corresponding to the first socket; and
 a hinge mechanism interconnecting the cover and the main housing, the hinge mechanism comprising a rotation assembly, the rotation assembly comprising a hollow connecting member, two shafts pivotably connecting opposite ends of the connecting member with the cover and the main housing at the second and first sockets respectively, two opposite ends of one of the shafts protruding out of the connecting member and engaging with two opposite sidewalls of the first socket of the main housing, two opposite ends of the other shaft protruding out of the connecting member and engaging with two opposite sidewalls of the second socket of the cover, and an elastic member received in the connecting member, opposite ends of the elastic member being engaged with the shafts respectively; wherein at least one of the shafts is slidable along a longitudinal axis of the connecting member; and when the cover is opened relative to the main housing, the at least one shaft slides along the longitudinal axis in a first direction and stretches the elastic member; and when the cover reaches a predetermined angle relative to the main housing, the elastic member rebounds and drives the at least one shaft to slide along the longitudinal axis in a second direction opposite to the first direction, whereby the cover is automatically further opened relative to the main housing.

7. The foldable electronic device as claimed in claim 6, wherein the hinge mechanism further comprises a connecting assembly adapted to pivotably join the cover and the main housing together.

8. The foldable electronic device as claimed in claim 7, wherein the connecting assembly comprises a first spindle and two second spindles, and the first spindle and the second spindles are provided on corresponding ends of the main housing and the cover respectively.

9. The foldable electronic device as claimed in claim 8, wherein the connecting assembly further comprises two blocks, the first spindle defines a central axial through hole, each second spindle defines a central axial hole, part of each block is held in the axial hole of a corresponding one of the second spindles, and another part of each block extends into the axial through hole of the first spindle.

10. The foldable electronic device as claimed in claim 9, wherein each of two opposite sidewalls of the first socket defines a hole, and each of two opposite sidewalls of the second socket defines a hole, opposite ends of one of the shafts are received in the holes of the first socket, and opposite ends of the other shaft are received in the holes of the second socket.

11. The foldable electronic device as claimed in claim 6, wherein the elastic member is a spring, and each of the opposite ends of the spring has a hook.

12. The foldable electronic device as claimed in claim 11, wherein the connecting member defines a hollow therein for receiving the spring.

6

13. The foldable electronic device as claimed in claim 6, wherein the connecting member is formed by two boat-shaped casings attached together, each casing defines one pair of cutouts, and the shafts are received in holes cooperatively formed by the cutouts.

14. A foldable electronic device, comprising:

a first component enclosing parts of said foldable electronic device, the first component having two opposite sidewalls cooperatively defining a socket therebetween;

a second component enclosing other parts of said foldable electronic device and disposed next to said first component, said second component having two opposite sidewalls cooperatively defining a socket therebetween, and said second component movable relative to said first component between a first position where said first and second components are placed side by side with a side of said first component covered by said second component, and a second position where said second component is moved away from said first position to expose said side of said first component; and

a hinge mechanism disposed between said first and second components to guide movement of said second component relative to said first component, said hinge mechanism comprising at least two shafts respectively engaging with said first and second components and movable together therewith and an elastic member connecting said at least two shafts, one end of said elastic member disposed between two ends of a first one of said at least two shafts and an opposite end of said elastic member disposed between two ends of a second one of said at least two shafts, two opposite ends of said first one of said at least two shafts engaging with the sidewalls of said first component, two opposite ends of said second one of said at least two shafts engaging with the sidewalls of said second component, said second one of said at least two shafts engaged with said second component staying at a location away from said first one of said at least two shafts engaged with said first component when said second component locates in said first position thereof, and movable away from said location versus a restraining force of said elastic member when said second component moves from said first position thereof toward said second position thereof.

15. The foldable electronic device as claimed in claim 14, wherein said elastic member is a helical spring, and said second one of said at least two shafts engaged with said second component is restrained by the spring from moving away from said location thereof.

16. The foldable electronic device as claimed in claim 14, wherein said location of said second one of said at least two shafts engaged with said second component is spaced from said first one of said at least two shafts engaged with said first component a predetermined distance.

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